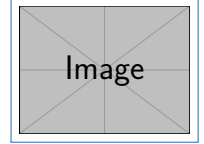# Şevval Belkıs DİKKAYA

Resume

METU, Ankara, Turkey
📱 *+90-530-660-0532*
✉ *sevvalbelkis@gmail.com*
in *sevval-belkis-dikkaya*
○ *sevvalbelkis*

Image

Profile Summary

Electrical & Electronics Engineering student with a proven record in entrepreneurship and leadership. My goal is to apply my knowledge and skills in a dynamic technology organization.

Education

2017–Present	**Bachelor of Science**, *Middle East Technical University*, Ankara Major in Electrical & Electronics Engineering
2013–2017	**High School**, *Nenehatun Science High School*, Ankara GPA: 97.46/100, 100% scholarship

General Achievements

2022	Atılım University – TUGIAD Fikrinle İz Bırak Enterpreneurship Competition - 1st place (50.000 TL award)
2021	TÜBİTAK 2242 Undergraduate Research Project Competitions - incentive award (4th)
2021	TEKNOFEST 2021 Technology for Humanity, Disabled Friendly category finalist
2020-2021	METU EEE Undergraduate Student Academic Research Program (STAR) - finalist
2017	ÖSYM LYS MF ranking - 664 (University Entrance Exam in Turkey)
2017	Atılım University Inter-High School Physics Competition - 1st Place
2021	ALES SAY - 97/100

Experience

Entrepreneurship

2022 - Present	**Co-Founder of Orion Robotics**, *Start-up* ○ Established a startup based on Fener Mobile Robot with a 450,000 TL grant provided by TUBITAK 1512 (BIGG) Program.

Internships

2021,Summer	**Intern at Arçelik Global** ○ Improved communication between charging station and robot vacuum cleaner via IR sensors.

Part-Time

2021-2022	**Candidate Engineer at Arçelik Global**, *Sensor Technologies Department* ○ Developed algorithms for the sensors (IMU, ToF) used in the robot vacuum cleaner project.

Volunteering

2020-Present	**Volunteer**, *METU ROMER Research Center*, Ankara, Turkey ○ Generated an algorithm for mapping an area with swarm robots. ○ Enabled local communication between swarm robots. ○ Developed force sensing with strain gauge sensors and filtering to obtain meaningful output for rehabilitation robots.

Projects

2019-Present	**FENER Mobile Robot (Team Leader)** ○ Led the development of a modular mobile platform for autonomous applications ○ Achieved 1st place at Atılım University – TUGIAD Fikrinle İz Bırak Enterpreneurship Competition 2022

2021-2023	**Eflatun AI (Team Leader)**
	○ Developed an artificial intelligence model that improved vehicle and people recognition accuracy by X
	○ Achieved 1st place in TEKNOFEST 2022 Artificial Intelligence in Transportation Competition
2022-Present	**Eflatun UAV (Team Leader)**
	○ Integrated artificial intelligence with an unmanned aerial vehicle for autonomous flight and tracking other UAVs.

Skills

Computer Skills

C/C++ (Advanced)	Python (Intermediate)	MATLAB (Beginner)
Latex (Intermediate)	Siemens NX (Beginner)	Fusion 360 (Advanced)
Adobe Premiere Pro (Intermediate)	Ultimaker Cura (Beginner)	Arduino IDE (Advanced)
EasyEDA (Intermediate)	LTSpice (Intermediate)	Minitab (Beginner)

Soft Skills

Entrepreneurship   Leadership   Presentation   Project Management

Languages

Turkish	Native
English	Advanced
Russian	Beginner

Interests

Reading	Poetry	Cooking	Travelling	Photography
Clean Energy Sources	Electrical Machines	Video Editing	Robotics	Artificial Intelligence

Activities

2020-2022	**Board Member**, *METU Machinery and Innovation Student Club*
2018-2020	**Member**, *METU Machinery and Innovation Student Club*